

ABSTRACT

The present invention is directed to the use of a messaging component for sharing a common network communication channel by a plurality of threads of execution. The messaging component receiving a message and forwarding the message to one or more of the threads using information in a payload portion of the message, which is compared with supplied registration information. In addition, according to the present invention, messaging and job components may be used by each of a plurality of execution threads to negotiate a manner of transferring data between two network computers, wherein the job component proposes a manner of transfer, which is communicated using the messaging component to a receiving a computer. The proposed manner of transfer may be accepted or rejected by the receiving computer. An alternative manner of transfer may be proposed, where another manner of transfer is found to be unacceptable.